

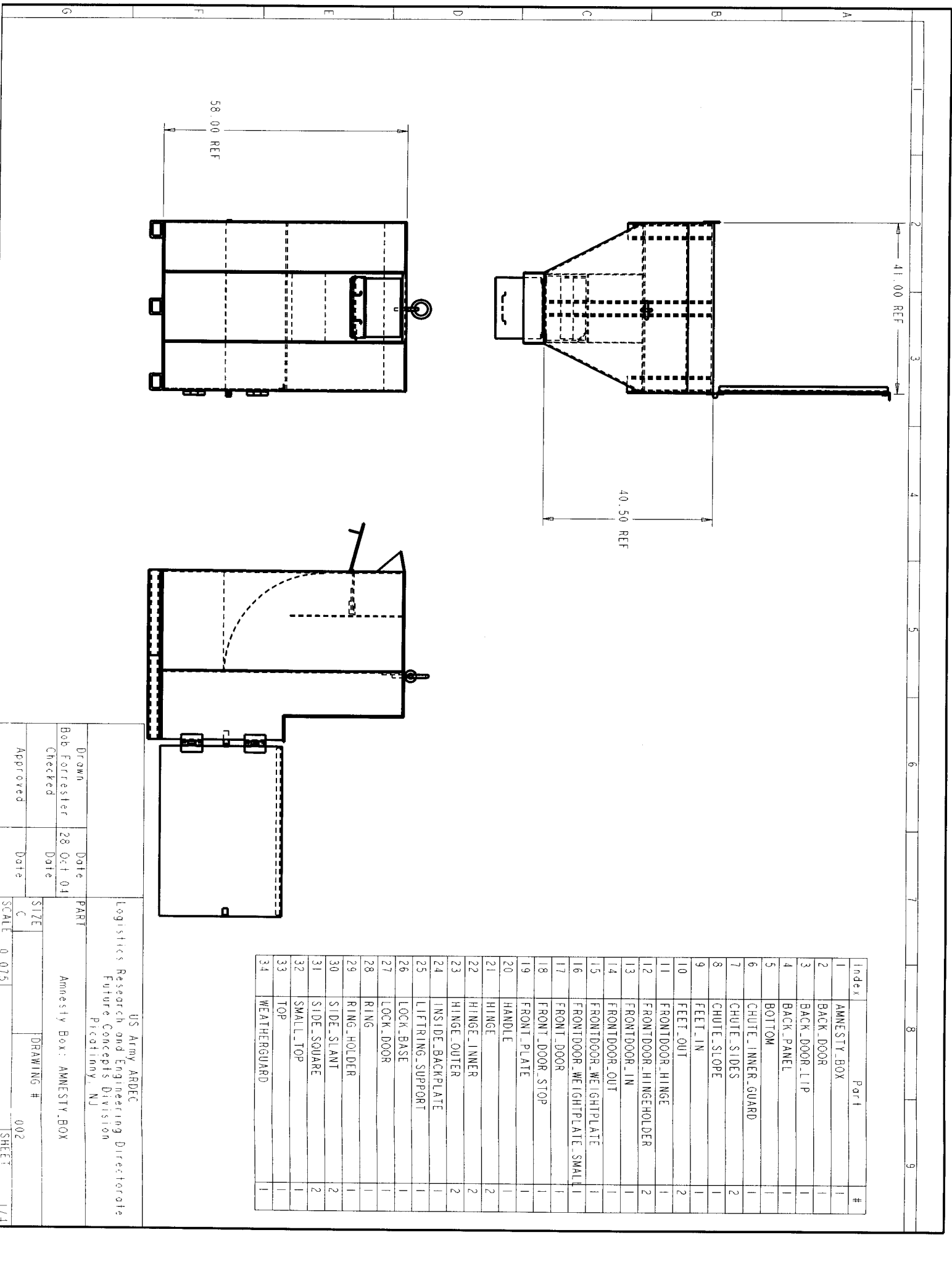
Amnesty Box Drawings
initial draft drawings
15 November 2004

Notes from the engineer:

1. The drawings enclosed within this packet are based upon an amnesty box design already in existence. The design contained within will differ slightly from the original, but its form and function are the same.
2. THIS DESIGN HAS NOT BEEN TESTED!!! The goal of this initial effort was to capture a "good" design from the field and put it down on paper so it can be reproduced. I attempted to not alter the design at all. To my knowledge, no official testing has been conducted on the design. As noted in paragraph one, I based this design on one already in existence, but it is up to the local ammunition safety personnel to decide whether or not the box is suitable for use at their location. Though the box appears to be well designed, I cannot offer any guarantees or specifications of use of any kind.
3. Several components of the box, such as the 3in X 4in "feet," the L-channel upper lip on the back door, and the hinges are made to model standard stock dimensions. However, since I did not have a library of stock cross sections available to me, if the dimensions in this packet do not exactly match the dimensions available, it is up to the fabrication facility to use their judgment in utilizing stock with dimensions that are "close". Fortunately, these should be the only three parts with that problem, and none of them will alter the design by being slightly altered. This will be a correction made after the initial prototype has been created.
4. If any questions arise during the fabrication process, I can be reached at (973)724-2042 or bob.forrester@us.army.mil.

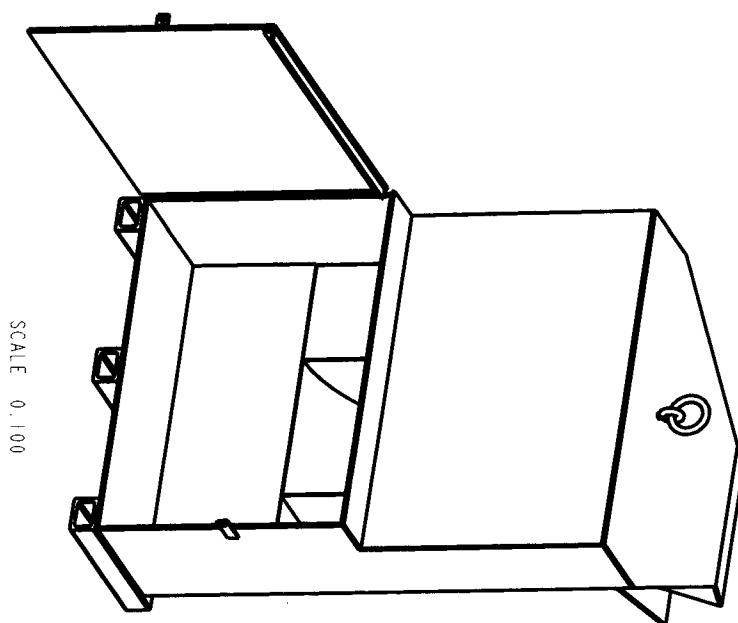
Regards,


-Bob Forrester

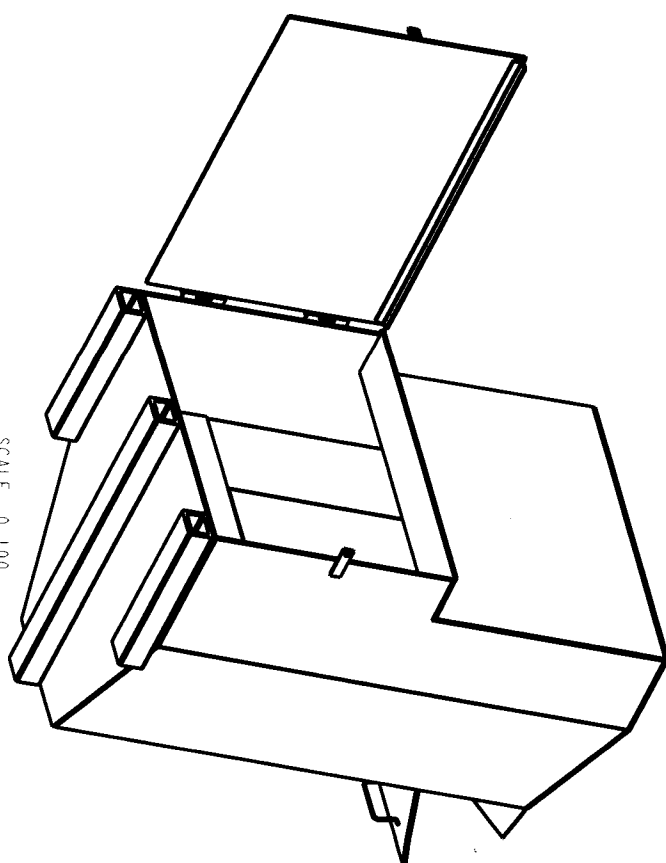


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1	AMNESTY_BOX	1
2	BACK_DOOR	1
3	BACK_DOOR_LIP	1
4	BACK_PANEL	1
5	BOTTOM	1
6	CHUTE_INNER_GUARD	1
7	CHUTE_SIDES	2
8	CHUTE_SLOPE	1
9	FEET_IN	1
10	FEET_OUT	2
11	FRONTDOOR_HINGE	1
12	FRONTDOOR_HINGEHOLDER	2
13	FRONTDOOR_IN	1
14	FRONTDOOR_OUT	1
15	FRONTDOOR_WEIGHTPLATE	1
16	FRONTDOOR_WEIGHTPLATE_SMALL	1
17	FRONT_DOOR	1
18	FRONT_DOOR_STOP	1
19	FRONT_PLATE	1
20	HANDLE	1
21	HINGE	2
22	HINGE_INNER	2
23	HINGE_OUTER	2
24	INSIDE_BACKPLATE	1
25	LIFTRING_SUPPORT	1
26	LOCK_BASE	1
27	LOCK_DOOR	1
28	RING	1
29	RING HOLDER	1
30	SIDE_SLANT	2
31	SIDE_SQUARE	2
32	SMALL_TOP	1
33	TOP	1
34	WEATHERGUARD	1

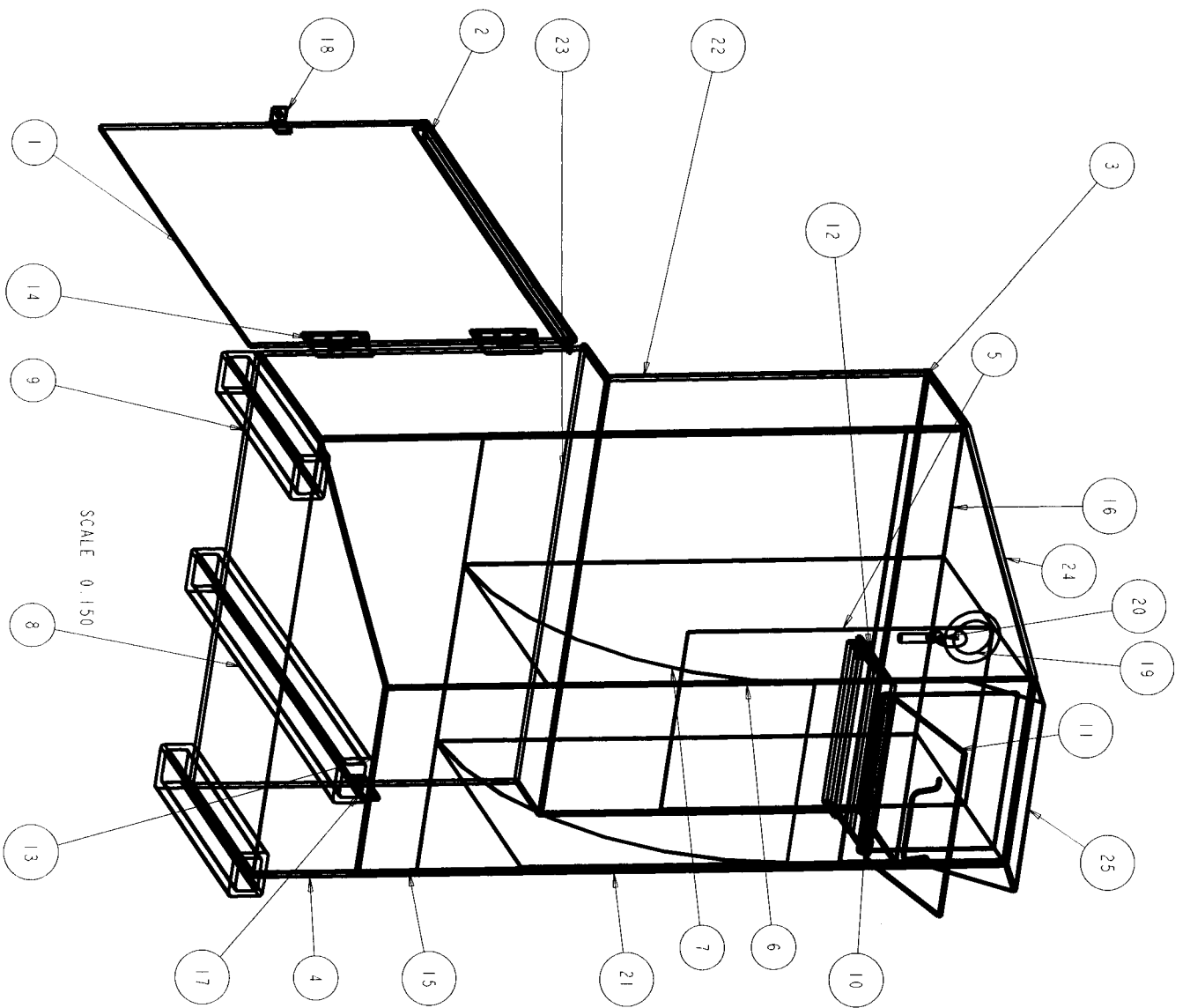
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Drawn	Date	Checked	Date
Bob Forrester	28 Oct 04		
Approved	Date	SCALE	0.075



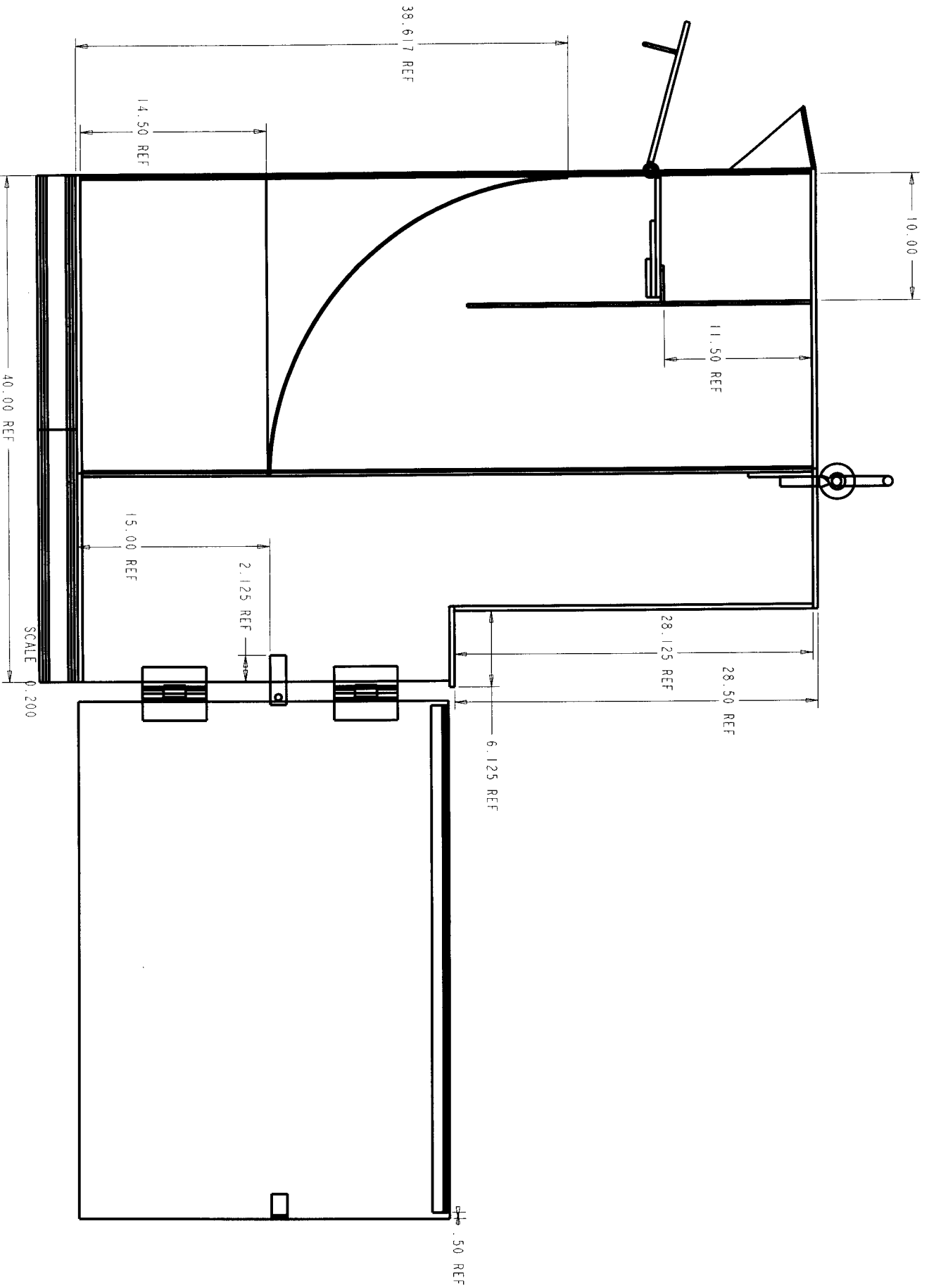
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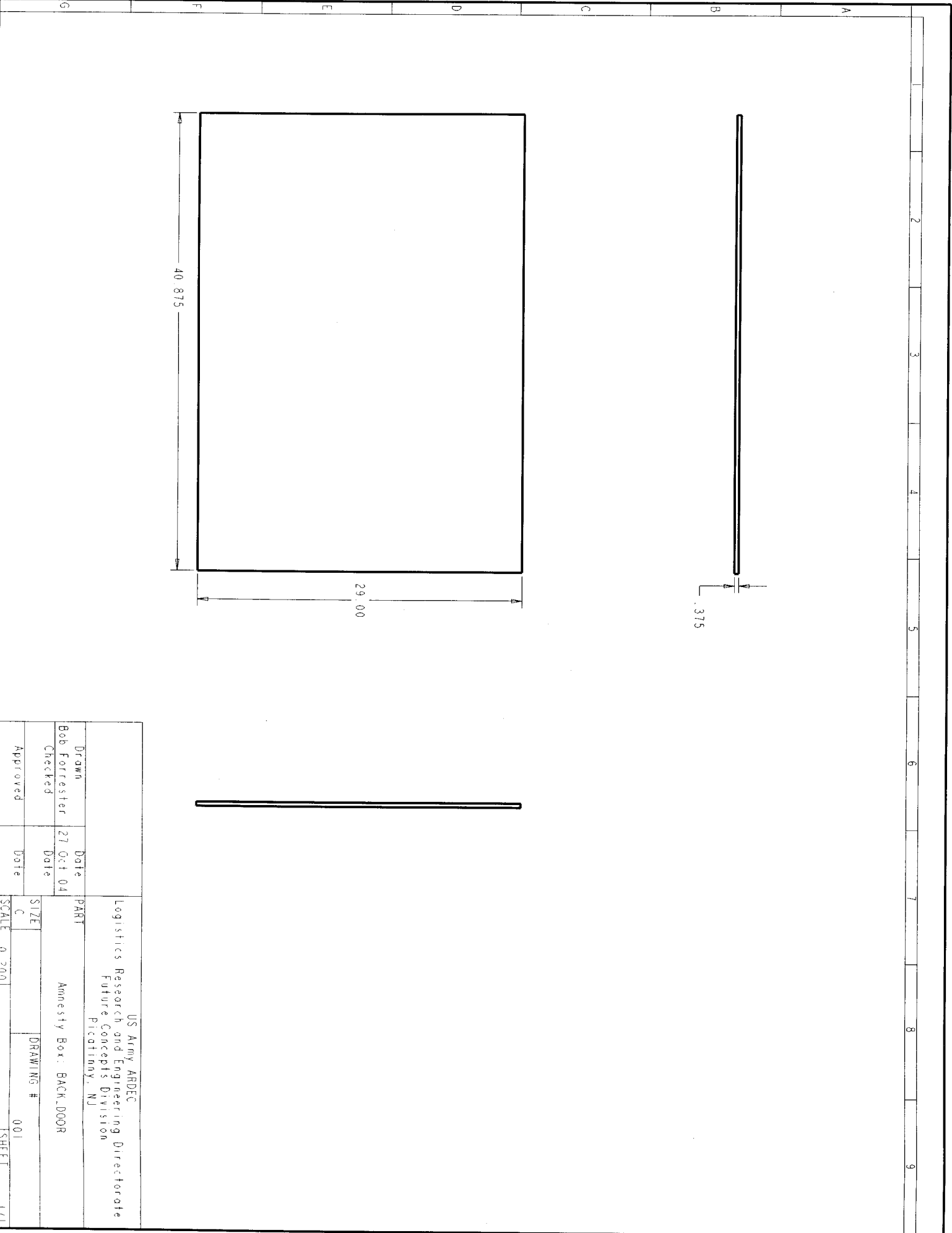


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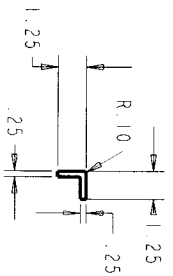
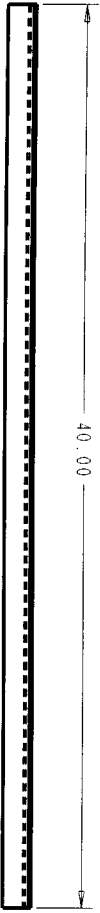
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3	BACK PANEL	1
4	BOTTOM	1
5	CHUTE INNER GUARD	1
6	CHUTE SIDES	2
7	CHUTE SLOPE	1
8	FEET IN	1
9	FEET OUT	2
10	FRONT DOOR HINGE HOLDER	2
11	FRONT DOOR	1
12	FRONT DOOR STOP	1
13	FRONT PLATE	1
14	HINGE	2
15	INSIDE BACK PLATE	1
16	LIFTING SUPPORT	1
17	LOCK BASE	1
18	LOCK DOOR	1
19	RING	1
20	RING HOLDER	1
21	SIDE SLANT	2
22	SIDE SQUARE	2
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24	TOP	1
25	WEATHERGUARD	1



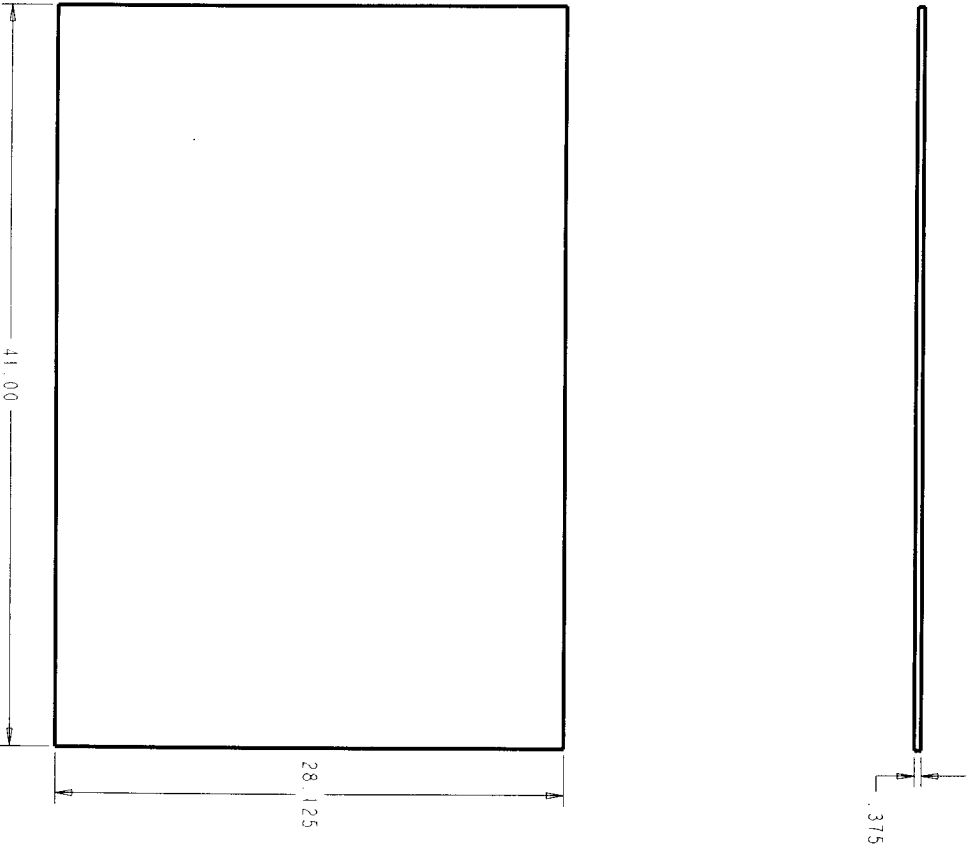


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Approved	Date		
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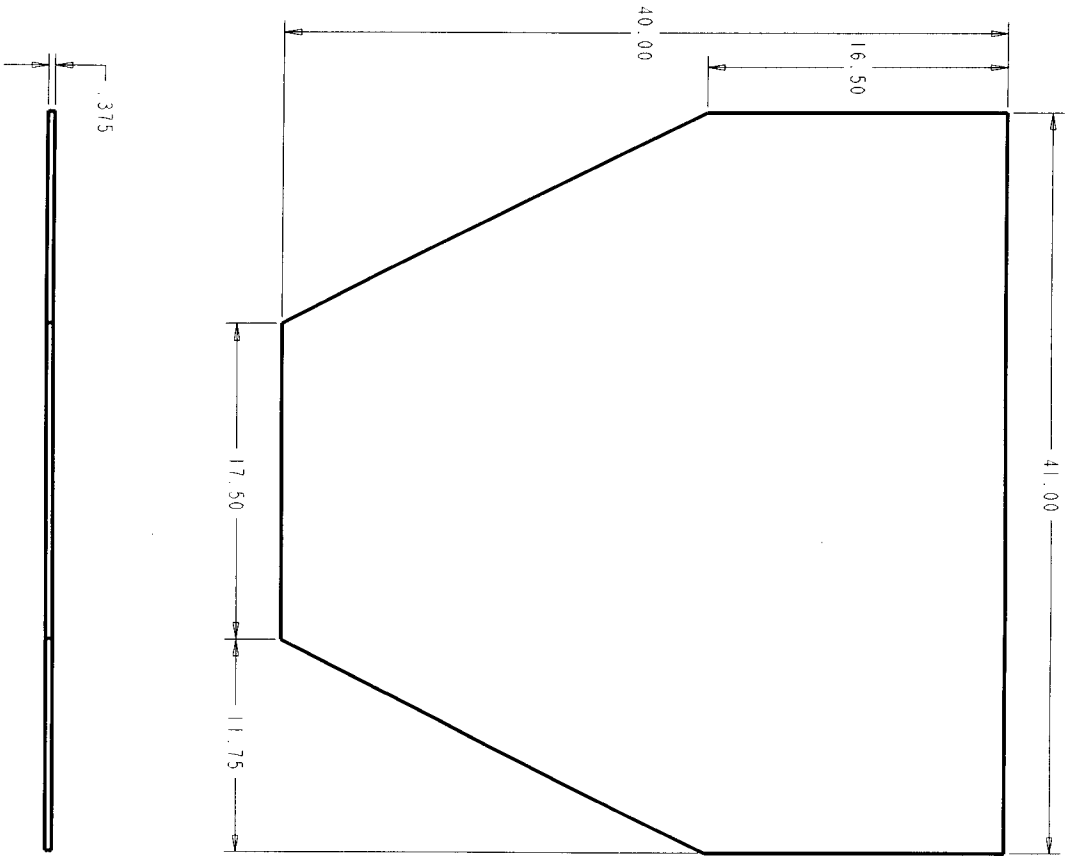
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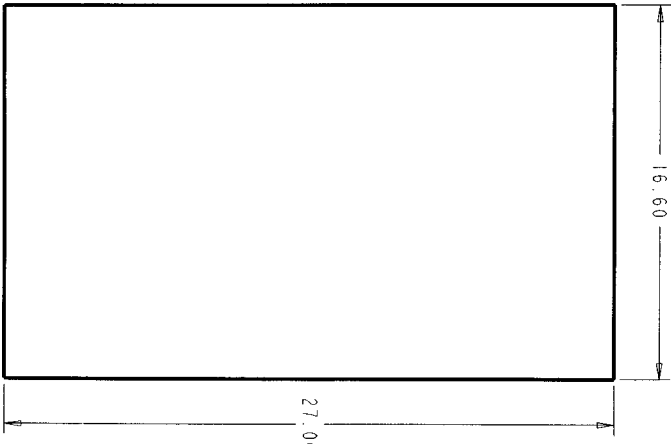
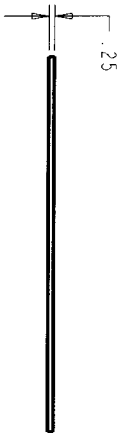
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Logistics Research and Engineering Directorate	
Future Concepts Division	
Picatinny, NJ	
Drawn	Date
Bob Forrester	1 Nov 04
Checked	Date
Approved	Date
PART	
Amnesty Box BACK DOOR LIP	
SIZE	DRAWING #
C	001
SCALE	SHEET
0.250	1/1



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Future Concepts Division		Pleatigny, NJ	
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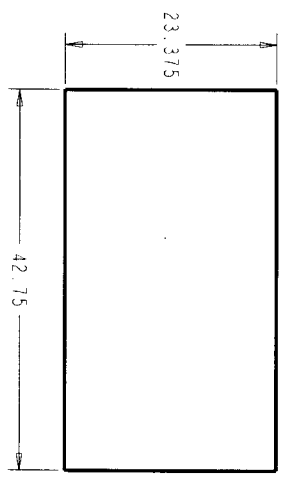


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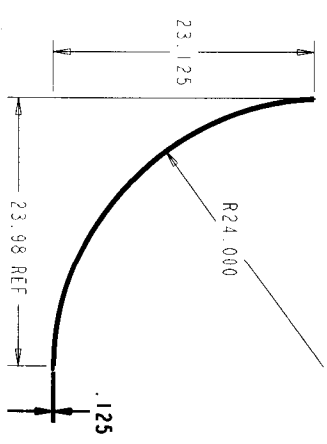
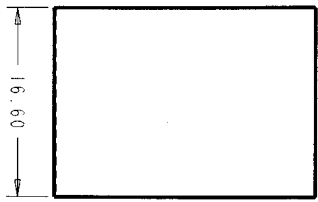
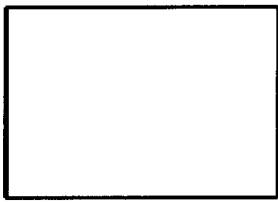
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Approved	Date	C	002
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Two needed for assy

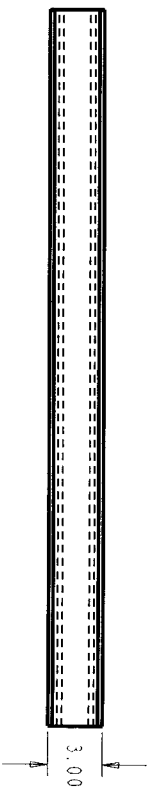
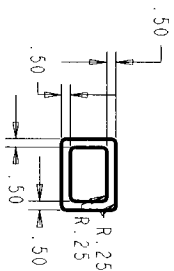
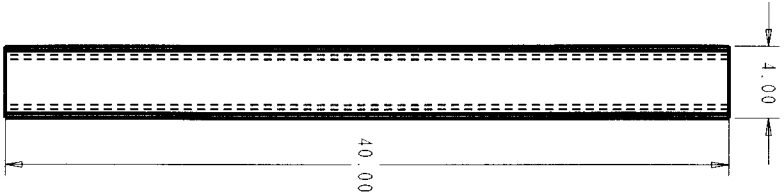


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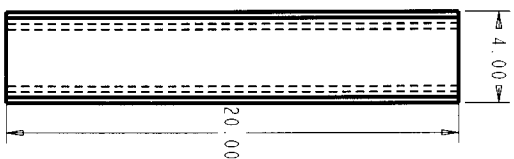
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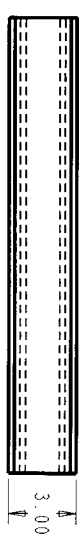
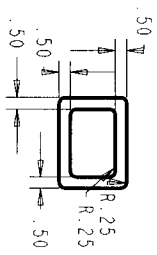
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Bob Forrester	27 Oct 04
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Approved	Date
PART	
Amesbury Box: CHUTE SLOPE	
SIZE	DRAWING #
C	001
SCALE 0.125	SHEET 1/1



US Army ARDEC		Logistics Research and Engineering Directorate	
Future Concepts Division		Picatinny, NJ	
Drawn	Date	PART	Amnesty Bo: FEET.IN
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Approved	Date	SCALE	SHEET
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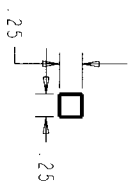
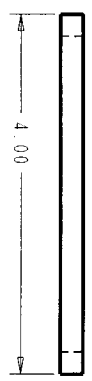
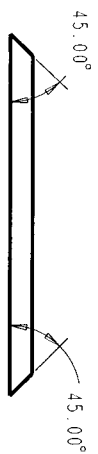


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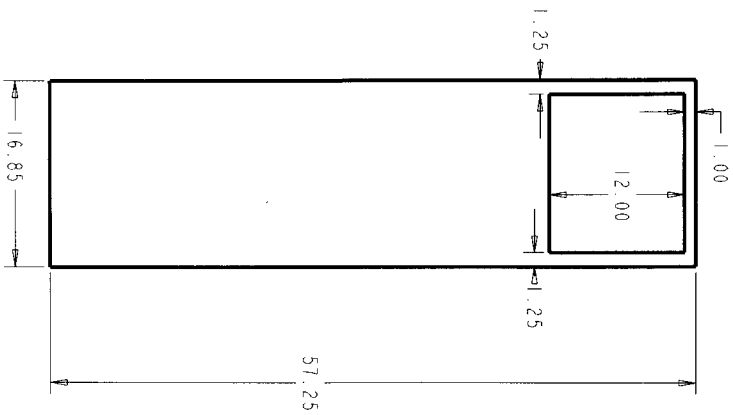


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Checked	Date
Approved	Date
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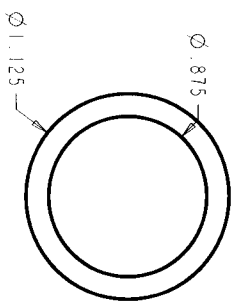
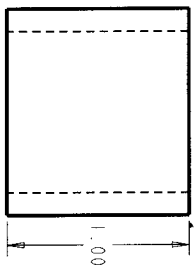
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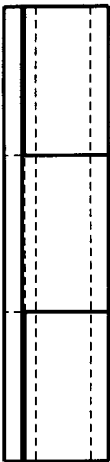


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Drawn	Date	PART	
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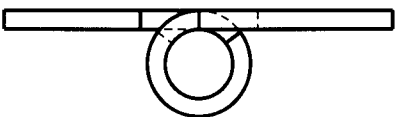
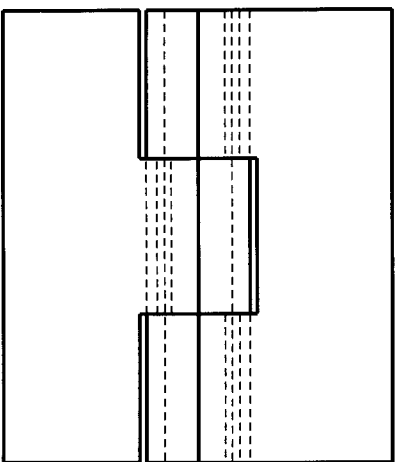
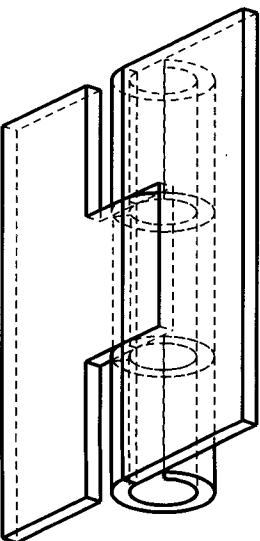


US Army ARDEC Logistics Research and Engineering Directorate Future Concepts Division Picatinny, NJ		PART	Amnesty Box FRONTDOOR-HINGEHOLDER	
Drawn	Date	Checked	Date	SIZE
Bob Forrester	27 Oct 04			C
Approved	Date			SCALE
				2.000
			DRAWING #	001
			SHEET	1/1

Any standard hinge may be used provided it is weldable, has a captive pin, and is strong enough to support the door without flexing out of alignment.

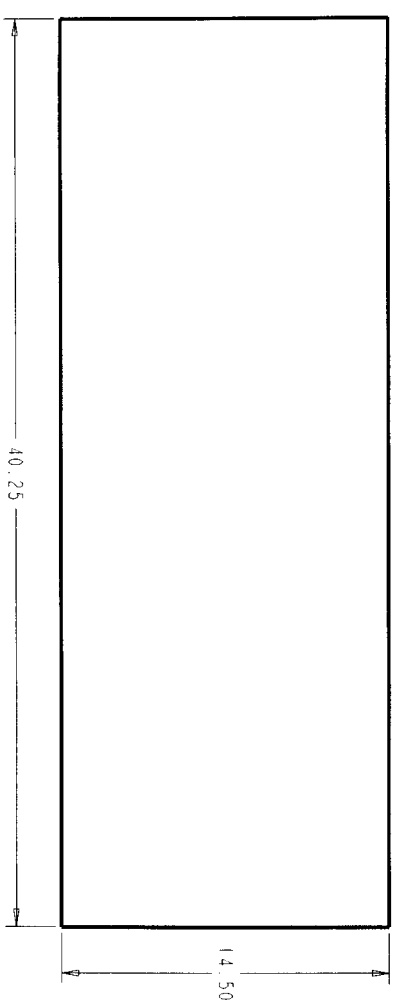
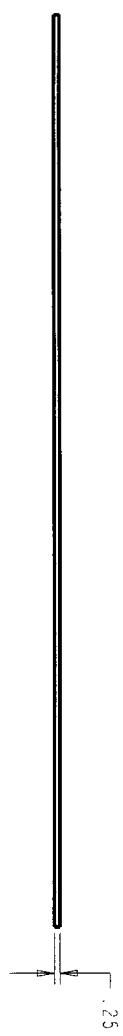


Two hinges needed for assy

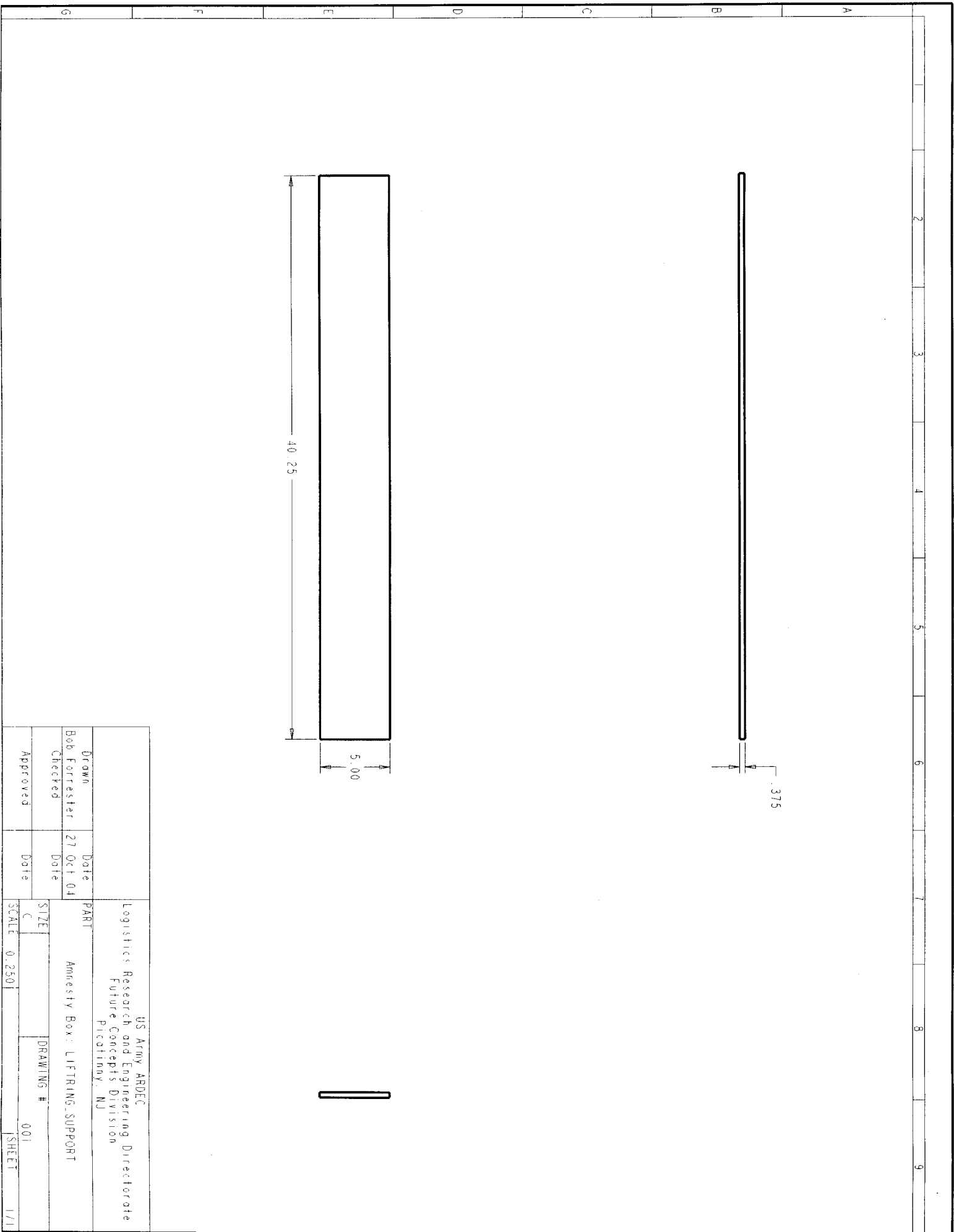


US Army ARDEC Logistics Research and Engineering Directorate Future Concepts Division Picatinny, NJ	
Drawn Bob Forrester	Date 27 Oct 04
Checked	Date
Approved	Date
PART Amnesty Box: HINGE	
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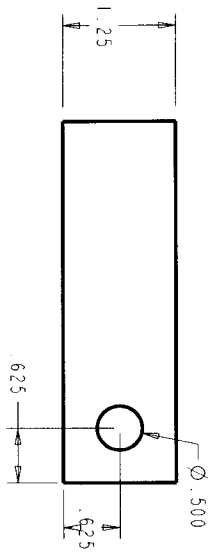
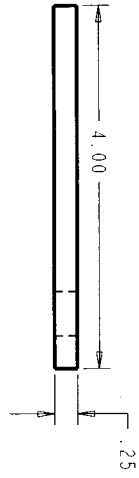
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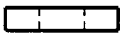
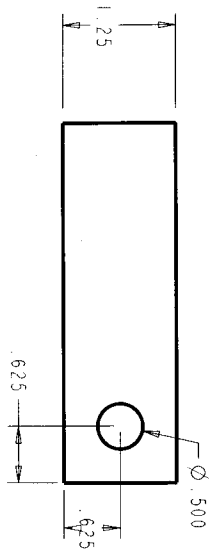
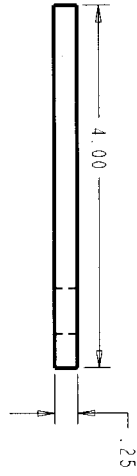
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Bob Forrester	27 Oct 04		
Checked	Date		
Approved	Date		
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		SHEET	1/1



US Army ARDEC Logistics Research and Engineering Directorate Future Concepts Division Picatinny, NJ			
Drawn	Date	PART	
Bob Forrester	27 Oct 04	Annex Box: LIFTRING-SUPPORT	
Checked	Date	SIZE	
Approved	Date	DRAWING #	
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SHEET		1/1	



Drawn Bob Forrester		Date 27 Oct 04	PART Logistics Research and Engineering Directorate Future Concepts Division Picatinny, NJ	
Checked		Date	Amnesty Box LOCK-BASE	
Approved		Date	SIZE C	DRAWING # 001
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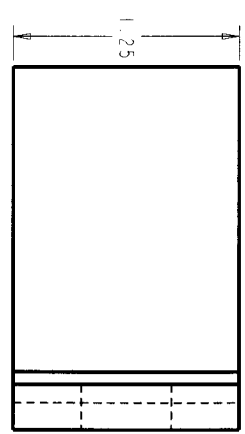
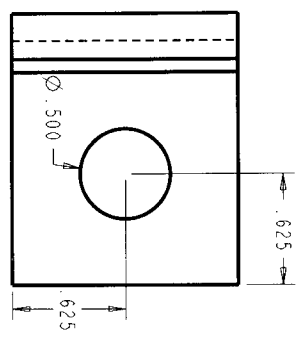
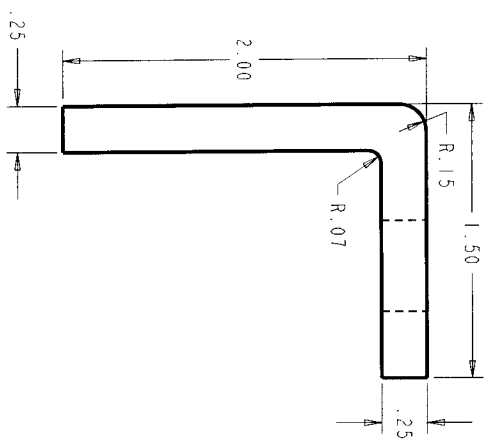
US Army ARDEC
Logistics Research and Engineering Directorate
Future Concepts Division
Picatinny, NJ

Drawn
Checked
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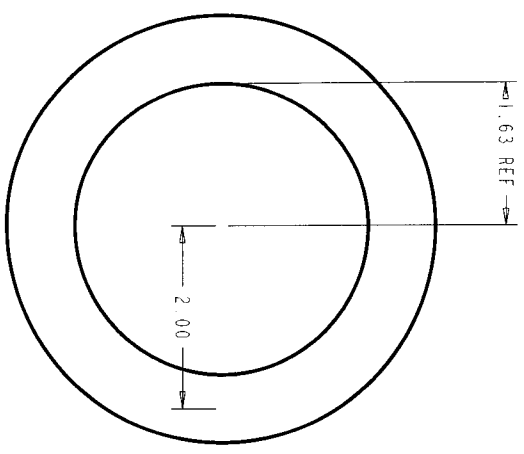
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27 Oct 04
PART
Amnesty Box, LOCK-BASE

DATE
27 Oct 04
DATE
27 Oct 04

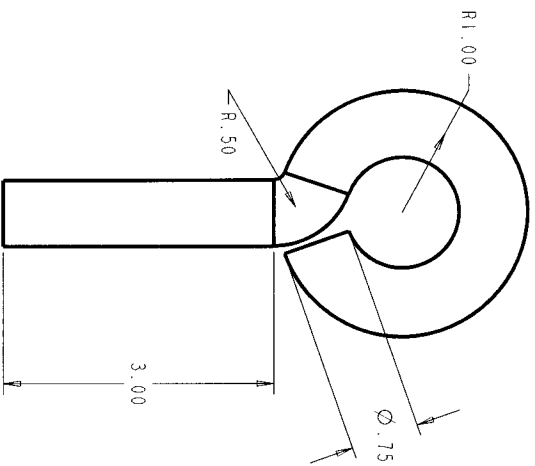
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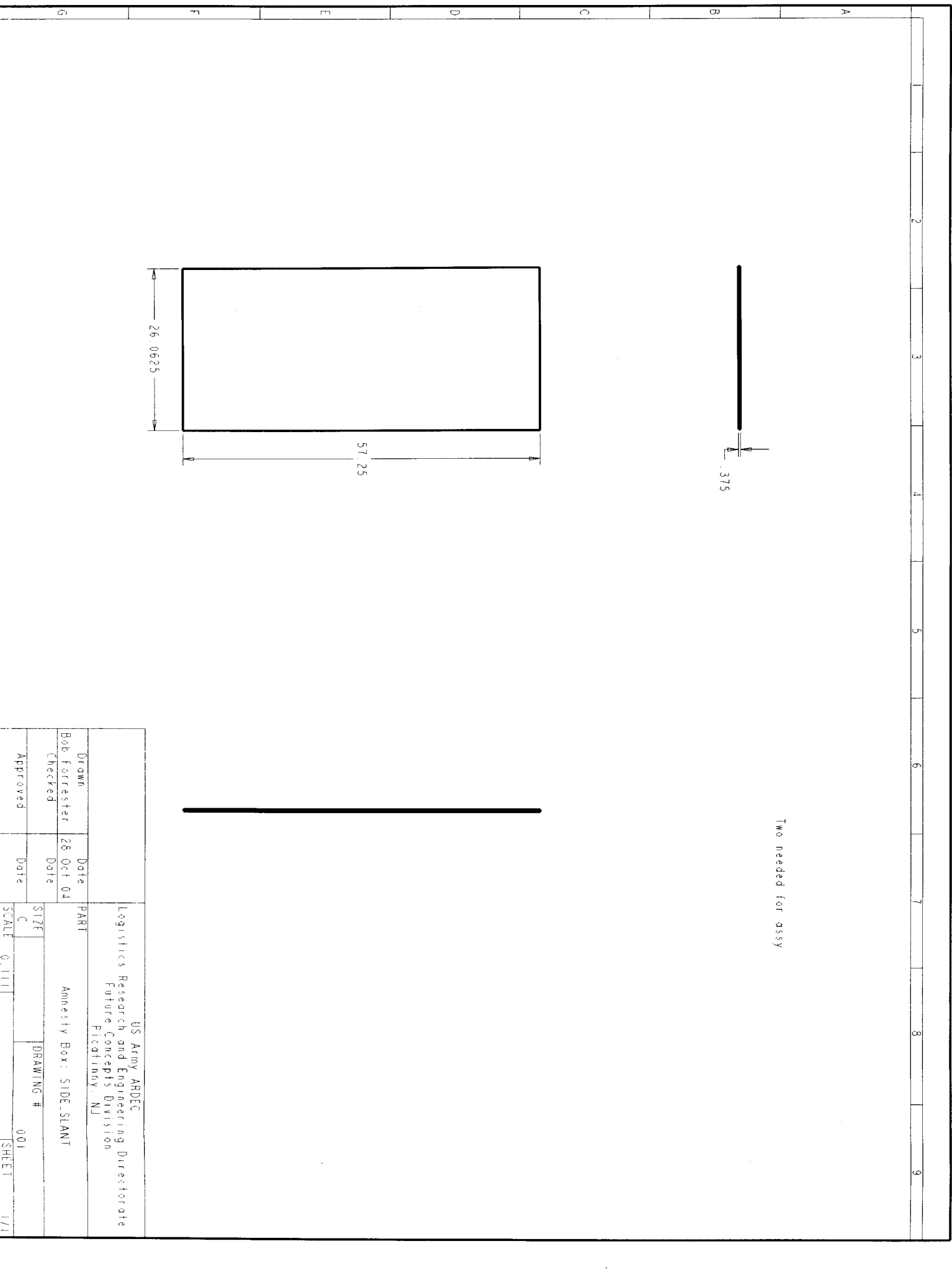
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Future Concepts Division		Picatinny, NJ	
Drawn	Date	PART	
Bob Forrester	27 Oct 04	Amnesty Box: LOCK DOOR	
Checked	Date	SIZE	
Approved	Date	DRAWING #	
SCALE 2:0001		001	
SHEET		1/1	



Drawn		Date	PART	
Bob Forrester		27 Oct 04	Logistics Research and Engineering Directorate Future Concepts Division Picatinny, NJ	
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Approved		Date	SIZE C	
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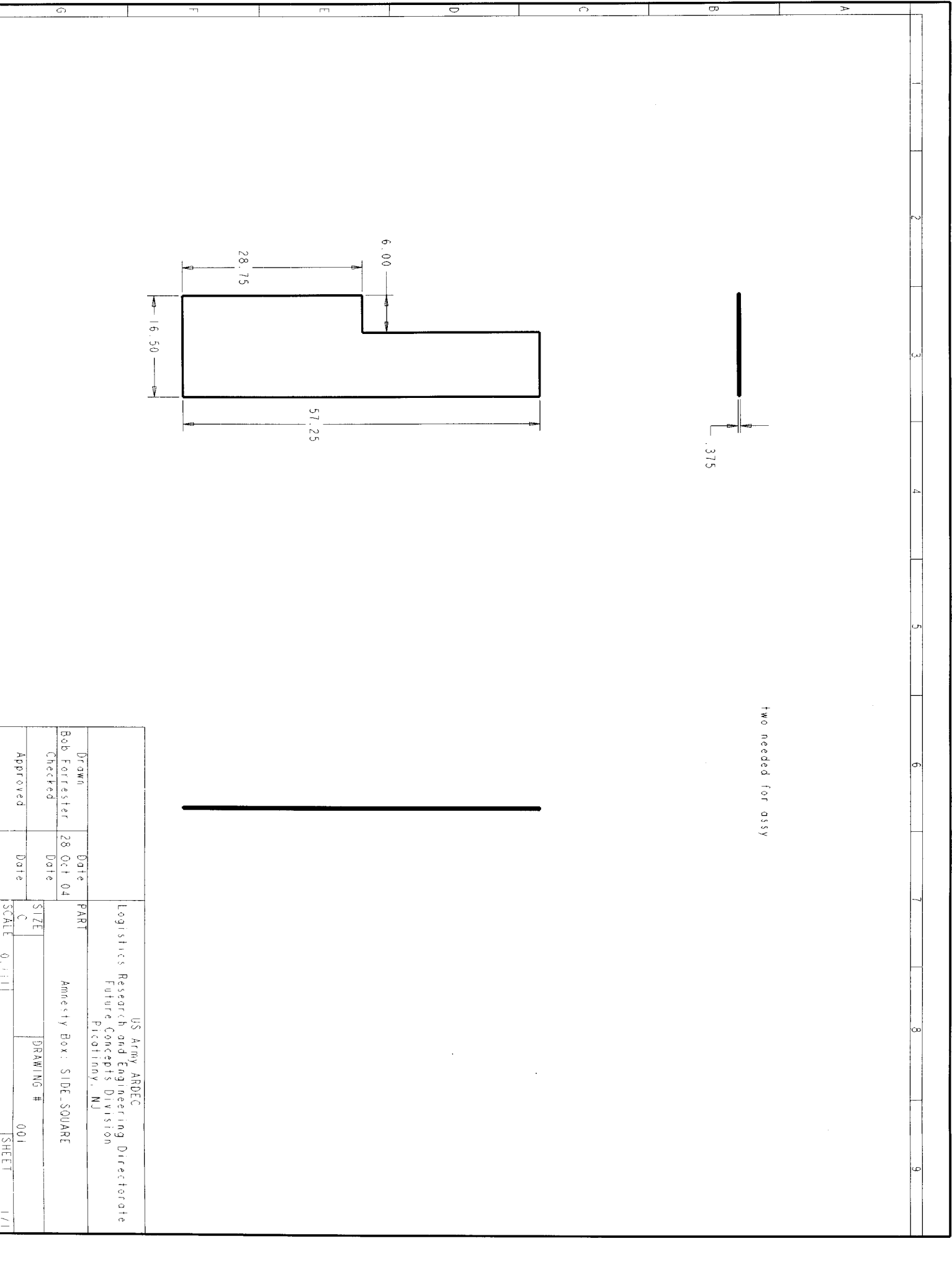


Drawn Bob Forrester		Date 28 Oct 04		US Army ARDEC Logistics Research and Engineering Directorate Future Concepts Division Picatinny, NJ	
Checked		Date		PART Amnesty Box: RING-HOLDER	
Approved		Date		SIZE C	
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Two needed for assy

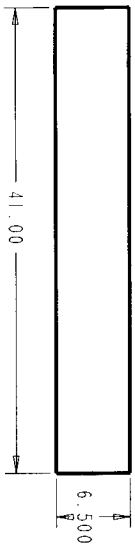
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Bob Forrester	28 Oct 04		
Checked	Date		
Approved	Date		
SIZE		DRAWING #	
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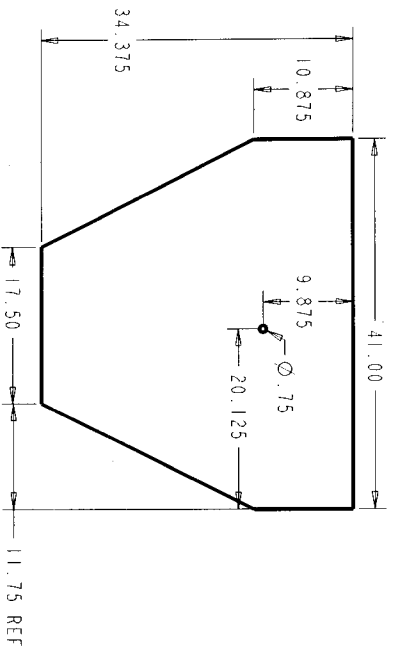
Two needed for assy

US Army ARDEC Logistics Research and Engineering Directorate Future Concepts Division Picatinny, NJ	
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Checked	Date
Approved	Date
PART Amnesty Box: SIDE-SQUARE	
SIZE C	DRAWING # 001
SCALE 0.411	SHEET 1/1

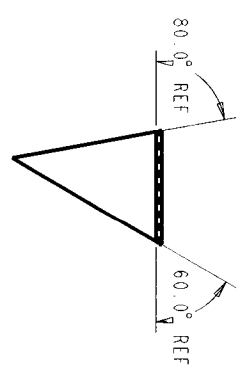
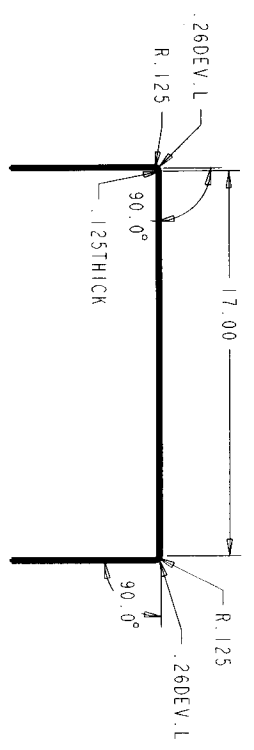
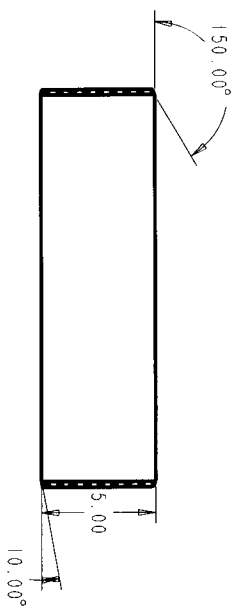
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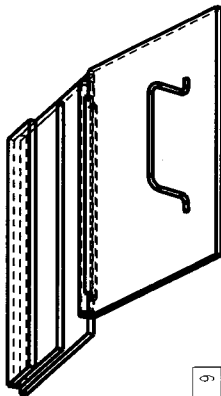
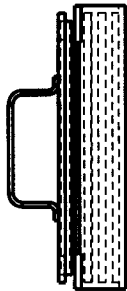
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Approved		Date	Picatinny, NJ		Annex Box: SMALL TOP	
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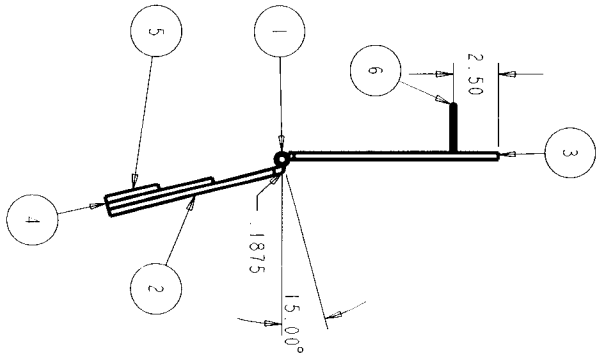
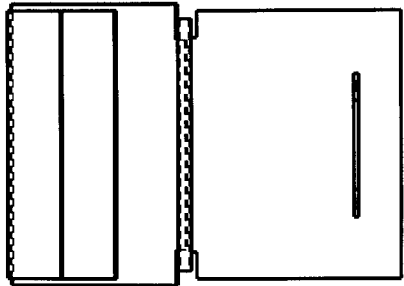
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Future Concepts Division		Picatinny, NJ	
Drawn	Date	PART	Amnesty Box: TOP
Bob Forrester	28 Oct 04		
Checked	Date	SIZE	DRAWING #
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Approved	Date	SCALE	SHEET
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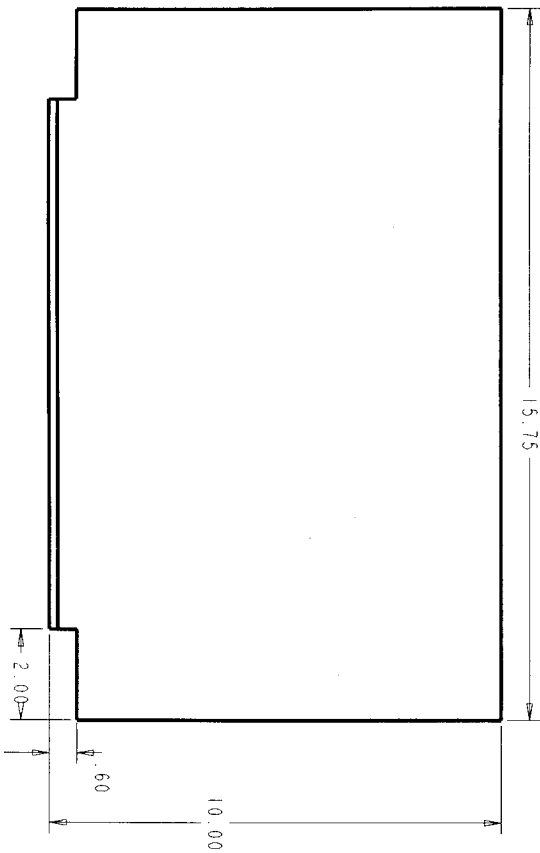
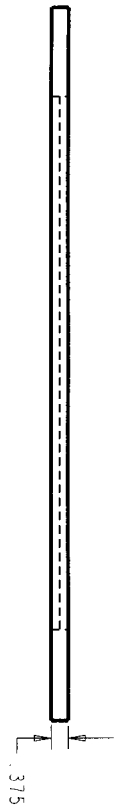
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Future Concepts Division		Piscataway, NJ	
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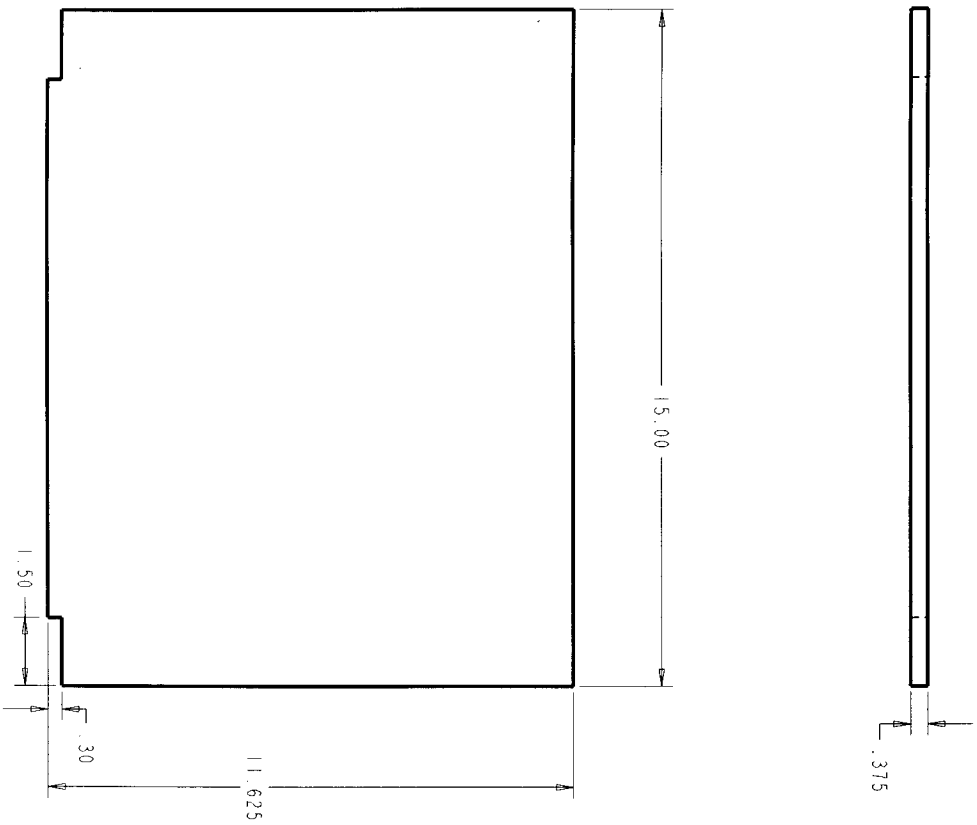
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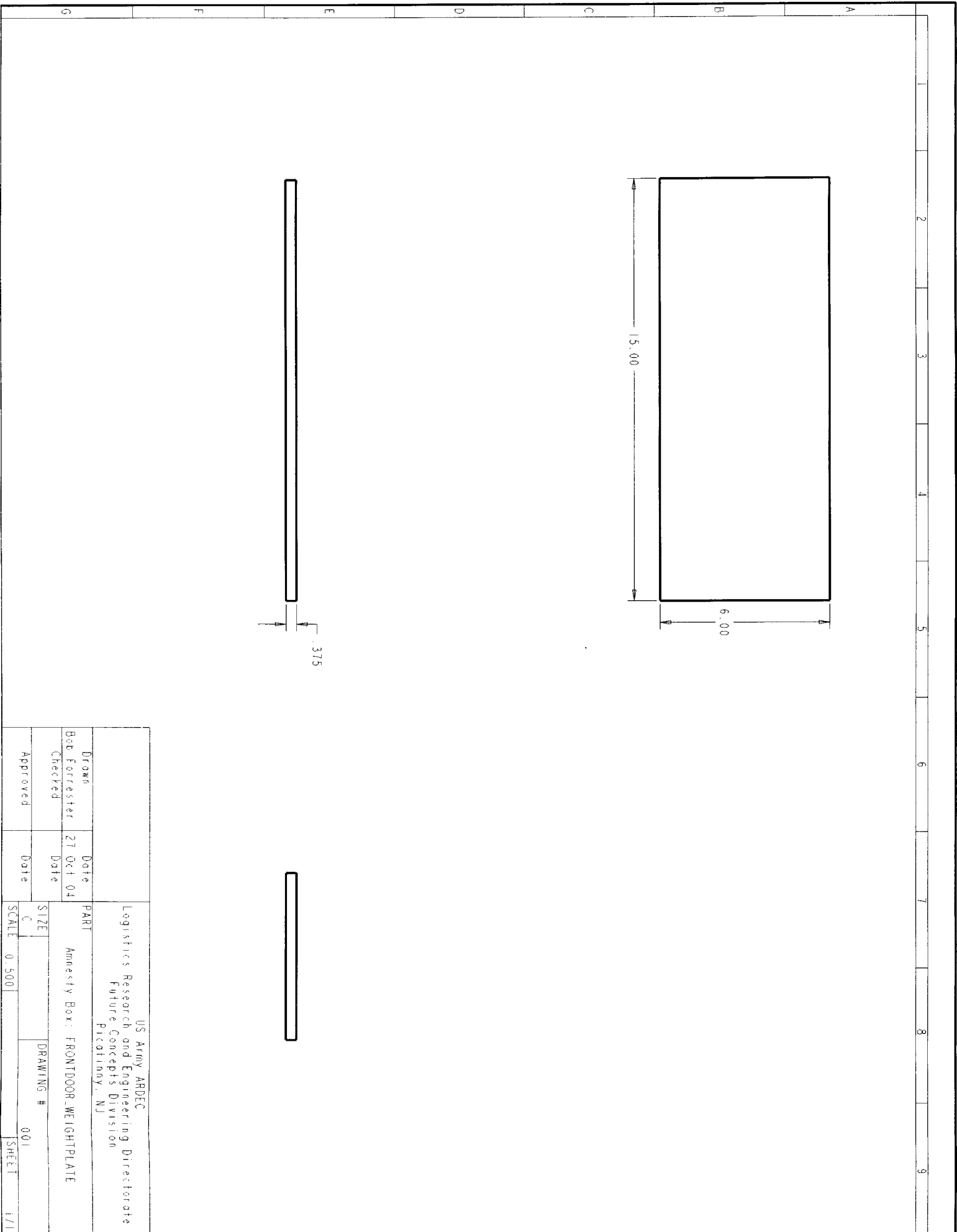
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US Army ARDEC		Logistics Research and Engineering Directorate	
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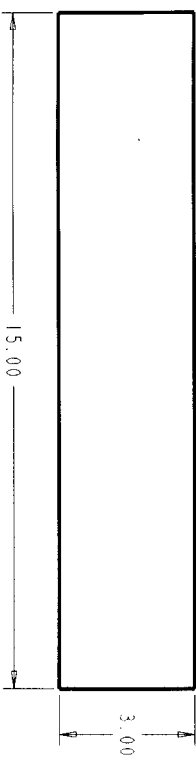
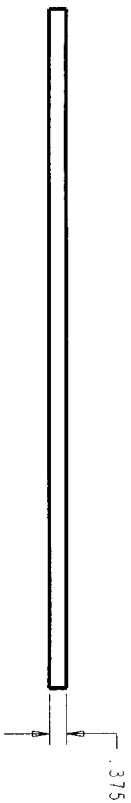


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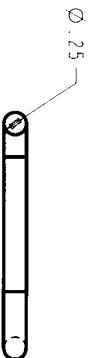
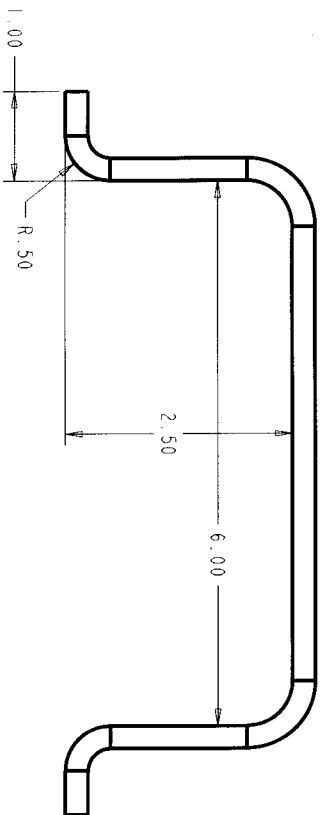


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Future Concepts Division		Picatinny, NJ	
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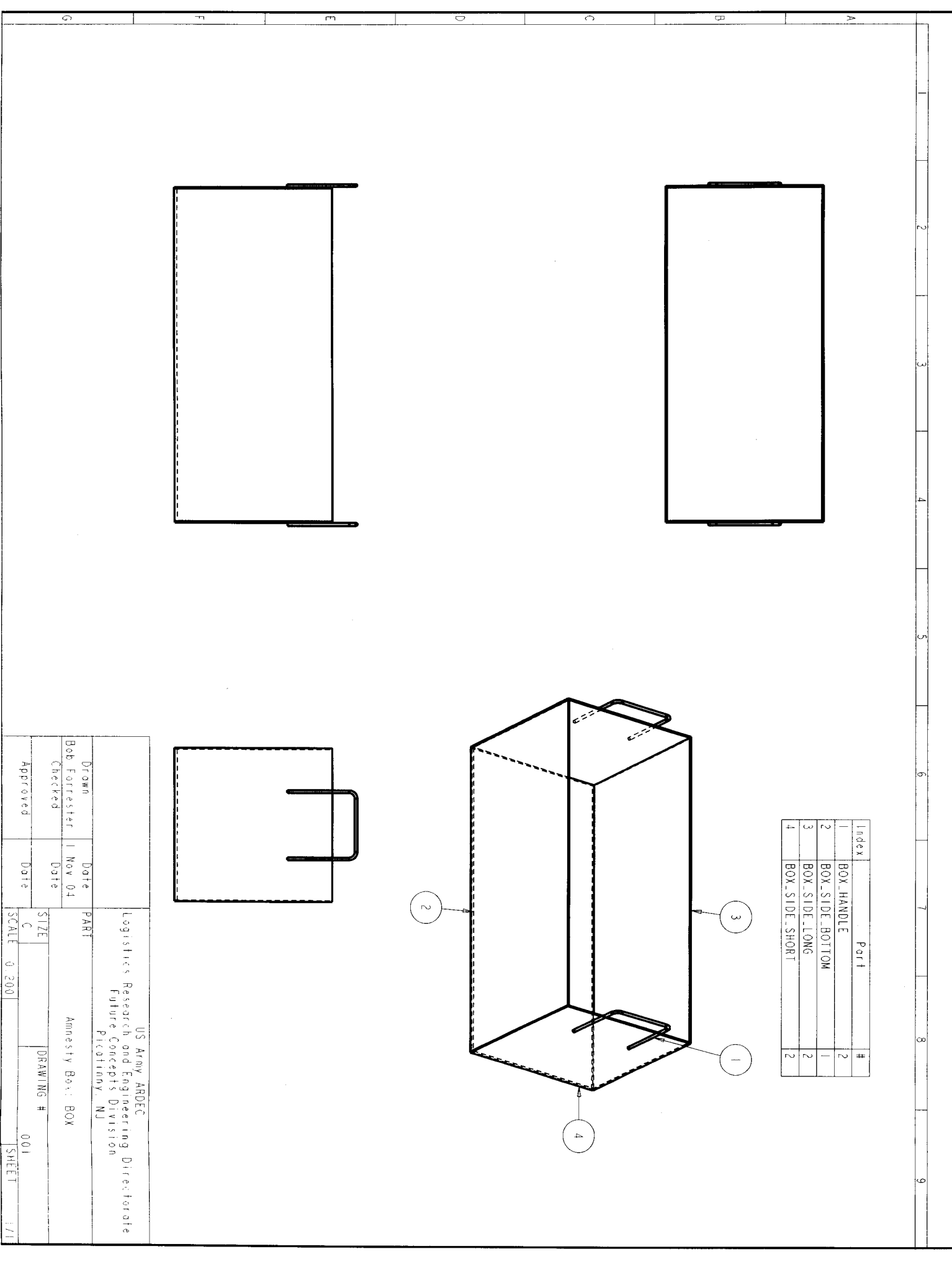
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US Army ARDEC Logistics Research and Engineering Directorate Future Concepts Division Picatinny, NJ	
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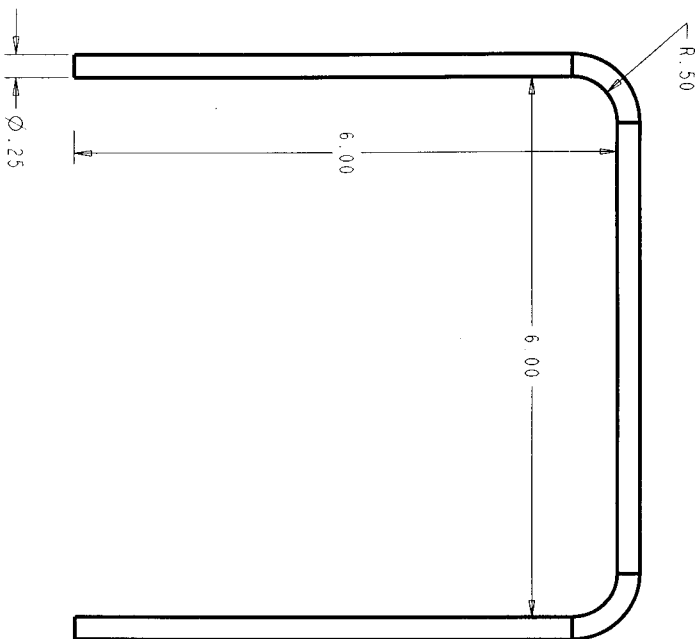


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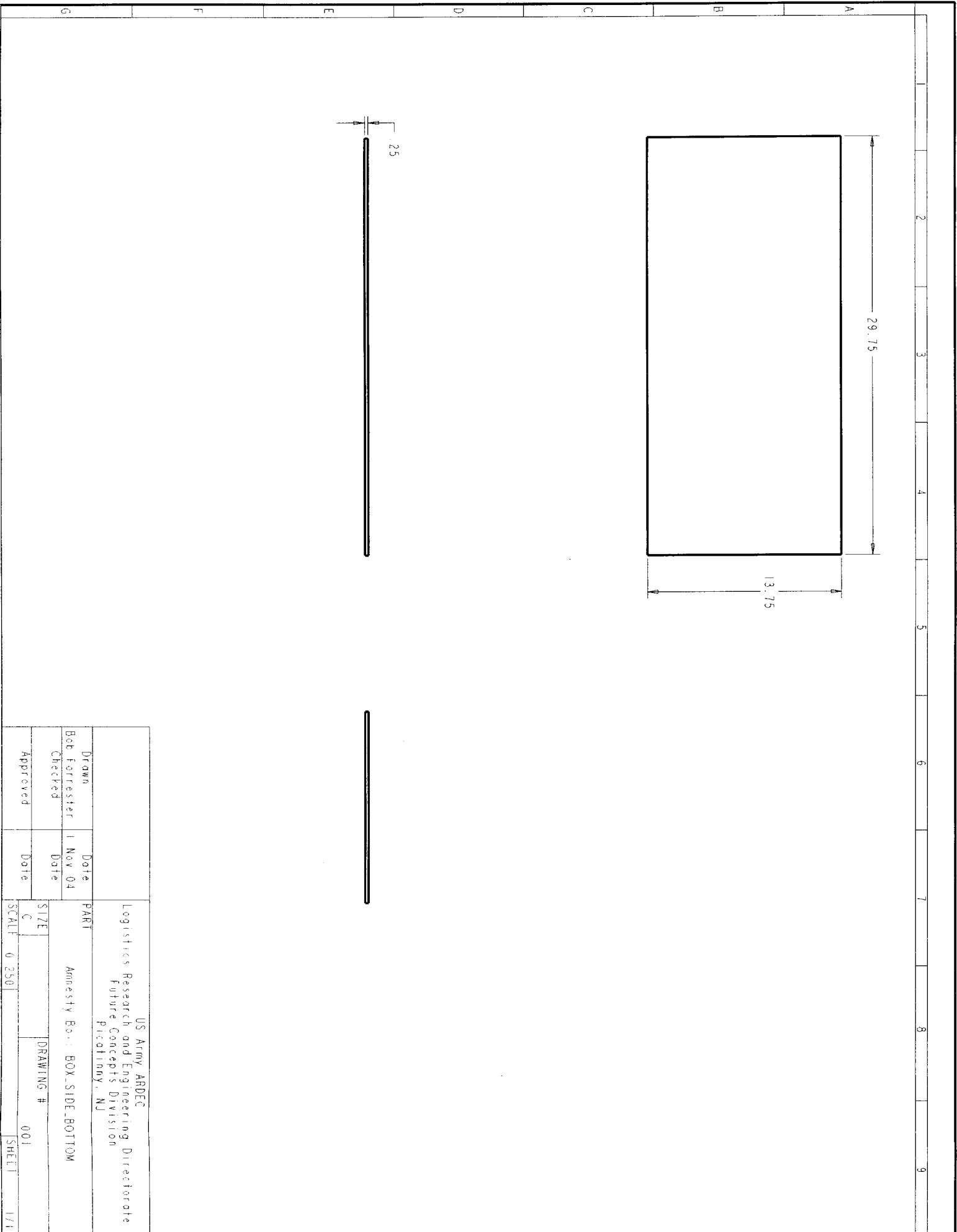
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Two needed for assy



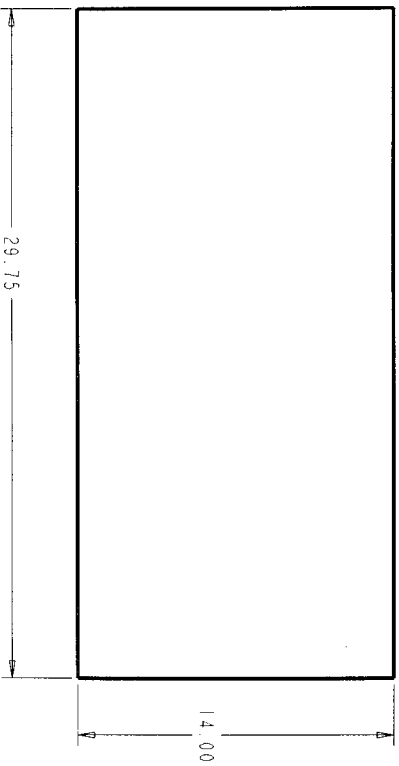
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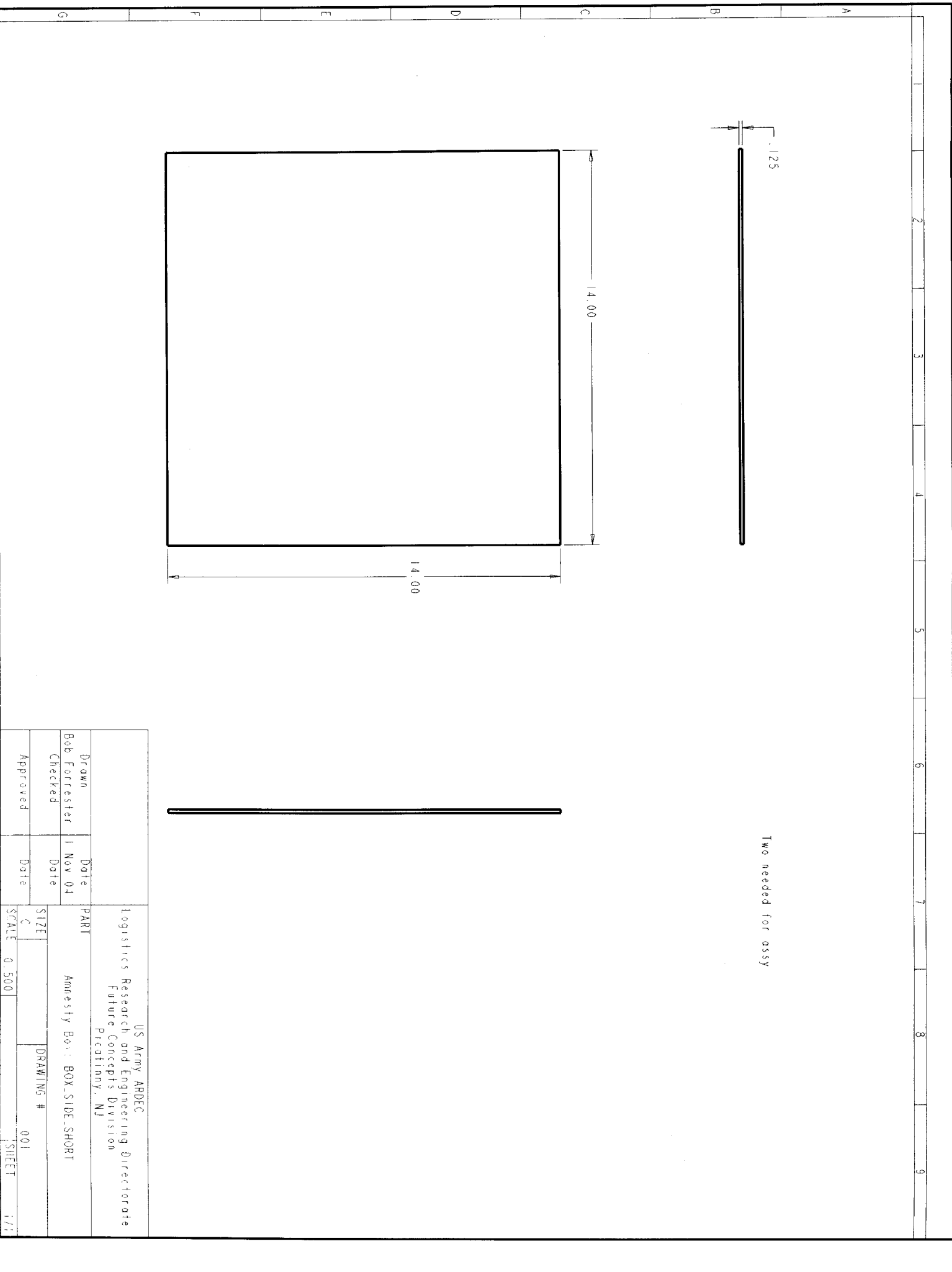
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Two needed for assy



US Army ARDEC		Logistics Research and Engineering Directorate	
Future Concepts Division		Picatinny, NJ	
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Two needed for assy

US Army ARDEC		Logistics Research and Engineering Directorate	
Future Concepts Division		Picatinny, NJ	
Drawn	Date	PART	
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